



COMMONWEALTH of VIRGINIA

Department of Health
DIVISION OF SHELLFISH SANITATION

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POQUOSON RIVER AND BACK CREEK
Growing Area # 053
York County and City of Poquoson
Shoreline Sanitary Survey

Date: 22 May 2002

Survey Period: August 23, 2001 – April 3, 2002

Total Number of Properties Surveyed: 622

Surveyed By: T.D. Fearington, H.J. Isiminger, H.R. Barker, Jr., and J.E. Merritt

SECTION A: GENERAL

This survey extends from Reference Point 53 at the northwest mouth of Thorofare, (triangulation marker "Sandbox") to Reference Point 54 at Thorofare Creek, northwest mouth, including the Chesapeake Bay shoreline between these two points: Thorofare, Back Creek, Claxton Creek, Bay Tree Creek, Chisman Creek, (Cabin Creek, Goose Creek, and Boathouse Creek), Hodges Creek, Poquoson River (Patrick Creek, Quarter March Creek, Moores Creek, and Lambs Creek), Roberts Creek, Bennett Creek (Lyons Creek, White House Cove, Floyds Bay, and Easton Cove), Lloyd Bay, Sandy Bay, Rock Creek, Big Salt Marsh, Fire Pine Creek, Gum Hammock Creek, and all their tributaries.

The topography of the area is characterized by large marshes in the eastern section, with elevations of less than 5' including the Goodwin Islands group, Crab Neck, Cow Island, and Big Salt Marsh. Elevations rise to between 5' and 15' forming a plateau, which extends several miles westward near U.S. Route 17 before rising to approximately 50' near the eastern edge of Harwoods Mill Reservoir and U.S. Route 17.

Population density within the survey area varies from moderate to heavy in the City of Poquoson; the communities of Seaford, Grafton, Dare, and Tabb; and the developments of Goodwin Neck Estates, York Point, Evergreen Shores, Seaford Shores, Cheadle Heights, and Piney Point Estates in York County. All of these developments consist of single family dwellings served by on-site sewage disposal systems. Similarly, some sections within the City of Poquoson are served by on-site sewage disposal.

However, the majority of homes and businesses in Poquoson are served by Hampton Roads Sanitation Districts (HRSD) sewerage system and connected to the York River sewage treatment plant. HRSD service is expanding in both the City of Poquoson and in York County with connection to the system mandatory after the connection becomes available although under varying time frames. Therefore the on-site sewage disposal systems are disappearing and are now found in dispersed pockets around the city and the county.

The economy of the area is dependent primarily upon light industry, local commerce and services, a declining seafood industry, and military installations in the surrounding parts of the Lower Peninsula and Hampton Roads.

Meteorological data indicated that the area received a total rainfall of 16.45" for the survey period. A monthly breakdown is as follows:

August 23-31, 2001	0.35"	November	0.19"	February	1.35"
September	2.15"	December	1.40"	March	6.41"
October	0.03"	January, 2002	4.33"	April 1-3	0.24"

Three certified shellfish plants are located within the survey boundary: E. T. Firth Wholesale Seafood, VA204SP, Wells Ice and Cold Storage, VA 907RP, and Preston Petre, VA928SS, (boat operation). William F. Hunt, VA589SS, has gone out of business since the last survey of the area. Recreational boaters and commercial fisherman both use the Poquoson River watershed. Large numbers of waterfowl are found in the river and marsh areas, and in winter many ducks and geese use the waters of this area as a stopover or winter destination.

Copies of Bacteriological, Hydrographic and Shellfish Closure data are available at the area office for review. Copies of the current condemnation notices and maps are available via the internet at <http://www.vdh.virginia.gov/oehs/shellfish/>.

Information in this report is gathered by and primarily for use of the Division of Shellfish Sanitation, Virginia Department of Health, in order to fulfill its responsibilities of shellfish growing area supervision and classification. However, the data are made available to various agencies participating in shellfish program coordinated activities or other interested parties. The Engineering Appendix is available by request from the Richmond Office of the Division of Shellfish Sanitation.

Report copies are provided to the local health department for corrective action of deficiencies listed on the summary page in Sections B.2. and B.3. and the Department of Environmental Quality for possible action at properties listed on the summary page in Sections B.1., C.1., and C.2. The division of Soil and Water Conservation is provided information on possible sources of animal pollution found in Section E.

This report lists only those properties which have a sanitary deficiency or have other environmental significance. Individual field forms with full information on the properties listed in this report are on file in the Richmond Office of the Division of Shellfish Sanitation and are available for reference until superseded by subsequent resurvey of the area.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT FACILITIES

10. **DIRECT** - York River Wastewater Treatment Facility, 515 Back Creek Road, Seaford 23696. Owner: Hampton Roads Sanitation District, Virginia Beach 23455. VPDES Permit # VA0081311. Design flow 15 MGD. Treatment consists of 2 barscreens, 2 aerated grit chambers, 2 preaeration chambers, 3 primary clarifiers, 6 aeration tanks, 3 secondary clarifiers, 2 chlorine contact units, and 1 dechlorination chamber. Final effluent discharges to the York River in Area 52. See Engineering Study in Area 52 survey for more information.

ON-SITE SEWAGE DEFICIENCIES

9. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Location: 2410 Wolf Trap Road, Yorktown 23692. Dwelling - brick 1 story with cream trim. No contact. Laundry waste drains from 2" black hose at rear wall of garage onto ground suffice. Hose connected from exterior water spigot to roof vent stack of sanitary system. Sanitary Notice issued 8-23-01 to field # M015.
16. CONTRIBUTES POLLUTION - Location: 212B Hansford Lane, Seaford 23696. Dwelling - barn/shop/dwelling 2 story. No contact. Effluent erupting from drainfield onto ground surface. Sanitary Notice issued 10-11-01 to field # H11.
17. CONTRIBUTES POLLUTION - Location: 312 Bay Tree Beach Road, Seaford 23696. Dwelling - brick ranch 1 story with dark shutters and white trim and detached carport at right. 5 persons. Effluent erupting from septic tank onto ground surface in front yard. Sanitary Notice issued 1-31-02 to field # H37.
18. CONTRIBUTES POLLUTION - Location: 501 Wildey Road, Seaford 23696. Dwelling - white clapboard 1 story with screened front porch. No contact. Effluent erupting from septic tank lid onto ground surface. Sanitary Notice issued 3-8-02 to field # H131
19. CONTRIBUTES POLLUTION - Location: 603 Wildey Road, Seaford 23696. Dwelling - light green aluminum siding 1 story with fenced back yard. No contact. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 3-8-02 to field # H135.
21. CONTRIBUTES POLLUTION, ***DIRECT*** - Location: 300 Presson Road #16, Seaford 23696. Owner: Ben Thomas, 300 Presson Road #10, Seaford 23696. Dwelling - old yellow house trailer with added screen porch. No contact. Effluent erupting from septic tank onto ground surface behind trailer, flowing down swale toward boat ramp and into Chisman Creek. Sanitary Notice issued 3-15-02 to field # H160.
23. CONTRIBUTES POLLUTION, ***DIRECT*** - Location: 300 Presson Road #9, Seaford 23696. Owner: Ben Thomas, 300 Presson Road #10, Seaford 23696. Dwelling - blue and white house trailer. No contact. Effluent erupting from septic tank onto ground surface at end of trailer, 75' from Chisman Creek. Sanitary Notice issued 3-15-02 to field # H168.
24. CONTRIBUTES POLLUTION - Location: 310 Smoots Lane, Seaford 23696. Dwelling - brick 2 story with 1½ story vinyl siding attachment with cream trim. 3 persons. Effluent erupting from septic tank onto ground surface. Sanitary Notice issued 3-1-02 to field # Q027.
29. CONTRIBUTES POLLUTION - Location: 1217 Wolf Trap Road, Yorktown 23692. Dwelling - brick 1 story "A" roof with light green trim. No contact. Lid missing from septic tank; covered with particle board. Sanitary Notice issued 11-9-01 to field # F42.
55. CONTRIBUTES POLLUTION - Location: 250 Barbara Lane, Poquoson 23662. Dwelling - white vinyl siding 1½ story with brown shutters and teal trim. 2 persons. Effluent erupting from septic tank onto ground surface directly above tank lid. Sanitary Notice issued 2-25-02 to field # Q008.

POTENTIAL POLLUTION

3. Location: 1207 Dandy Loop Road, Yorktown 23692. Dwelling- taupe stucco 1 story with red shutters and trim. No contact. Approximately 1½ acres with 2 garages, 7 junk trucks and cars, machine parts, campers, camper shells, and other miscellaneous junk.
9. Location: 2410 Wolftrap Road, Yorktown 23692. Dwelling - brick 1 story with white trim. No contact. Back yard filled with miscellaneous junk including water pumps for tanks, 7 broken lawn mowers, 2 junked boats, an old truck, and various pieces of machinery.
41. Location: P.O. Box 772, Yorktown 23693. Dwelling - white aluminum siding 1 story with red shutters. 3 persons. Observed at time of survey was a ¾ acre parcel with 11 junked vehicles, 1 old boat, siding, metal, barrels and miscellaneous junk.
42. Location: 302 Vine Drive, Yorktown 23692. Dwelling - brick 1 story with white trim and metal green and white front awning. 2 persons. Owner stated that during wet weather the area behind shed becomes damp and has a septic odor.
43. Location: 304 Showalter Road, Yorktown 23692. Dwelling - brown frame 2 story. 2 persons. Owner stated that at very high tides and during very wet weather sewage backs up into the toilet and will not flush from bowl. The house elevation is 4' above the Poquoson River.
48. Location: 918 Yorktown Road, Yorktown 23693. Dwelling - brick 1 story with white trim. 2 persons. Owner stated that house fixtures back up into the bathtub.
51. Location: 1615 Calthrop Neck Road, Yorktown 23693. Dwelling - brick 1 story with white trim. No contact. Observed at time of survey was a ¾ acre lot with 5 old vehicles, several camper shells, sheet metal, wood and other miscellaneous junk.
52. Location: 1819 Calthrop Neck Road, Yorktown 23693. Dwelling - white vinyl siding 2 story with gray shutters and trim and 2 out buildings. 3 persons. Observed on site were two large fuel tanks of unknown capacity awaiting removal, 1 X 1000 gallon diesel fuel tank and 1 X 500 gallon gasoline tank. Formerly this was a construction business.
63. Location: 84 Rens Road, Poquoson 23662. Dwelling - green asbestos 1 story with white trim. 1 person. Hand dug trench leading away from septic tank lid with no evidence of recent eruption.

SECTION C: NONSEWAGE WASTE SITES

INDUSTRIAL WASTES

7. Amoco Oil Refinery, Yorktown 23690. Business- oil refinery. No contact. All industrial wastes from this facility are permitted by DEQ permit # VA0003018 and discharge into shellfish growing area # 52. However several extremely large oil storage tanks surrounded by concrete berms are located within this survey area.

13. **DIRECT** - Wells Ice and Cold Storage, 599 Shirley Road, Seaford 23696. Owner: William S. Wells, Jr., P.O. Box 178, Seaford 23696. Business - certified VA scallop repacker, (VA 907RP). 22 employees. Processing wastes from floor drains and wash down hoses discharge into Back Creek. Facility scheduled to be connected to HRSD by June 13, 2002. Has general permit # VAG523023 from DEQ/TRO.
14. **DIRECT** - Seaford Scallop Company, 509 Shirley Road, Seaford 23696. Owner: William S. Wells, Jr., P.O. Box 178, Seaford 23696. Business - scallop and fish offloading facility. 50 employees, (with boat crews). Wastes from wash down hoses at scallop and fish offloading docks discharge into Back Creek. Facility scheduled to be connected to HRSD by June 13, 2002. Has general permit # VAG523024 from DEQ/TRO.
28. Occupant: Wolftrap Park (York County Board of Supervisors), P.O. Box 532, Yorktown 23692. Owner: Virginia Power, c/o K. W. Clark, P.O. Box 2666, Richmond 23261. Public - recreation area. No contact. Virginia Power EPA Superfund fly ash dumpsite adjacent to recreation area.
30. Occupant: Chisman Creek Park (York County Board of Supervisors), P. O. Box 532, Yorktown, 23692. Owner: Virginia Power, c/o K. W. Clark, P.O. Box 2666, Richmond 23261. Public: recreation area. No contact. Virginia Power EPA Superfund fly ash dumpsite adjacent to recreation area.
34. **DIRECT** - Smith's Marine Railway, 811 Railway Road, Yorktown 23692. Owner: K.T. and J.F. Smith, 811 Railway Road, Yorktown 23692. Business - marine repairs. 3 employees. Found on site were oils, paints, grease, welding wastes, fuel and other items used at marine railway adjacent to Chisman Creek.
40. Precision Crafts Machine Shop, 1500 Lakeside Road, Yorktown 23692. Business - gray blue frame 1 story shop. No contact. Observed on site were open containers of brake fluid, oil and other unknown solvents. The odor of oil and petroleum products everywhere.
45. Location: 516 Pleasant Dale Lane, Yorktown 23693. Dwelling - brick 1 story with white trim. 2 persons. Found on site were tractors, 450 gallons of diesel fuel in tanks, farm chemicals, and open containers of grease.
58. **DIRECT** - E. T. Firth Wholesale Seafood, 114A Browns Neck Road, Poquoson 23662. Business - certified shellfish dealer (VA 204SP) with small pier for workboats. 3 employees. Processing wastes from floor drains and wash down hose discharge into White House Cove. Has VPDES permit #VASEA2617 from DEQ/TRO.

SOLID WASTE DUMPSITES

8. J 4 Machine and Welding (Tony P. James), 2414 Woltrap Road, Yorktown 23692. Business - Repair and welding shop. No contact. ½ acre of old tires, 2 refrigerators, several old transformers, old welding machines, 3 large truck containers, and miscellaneous junk.
27. C and T Sports Imports, 480A Old York Hampton Road, Yorktown 23692. Business - salvage yard and used car business. 4 employees. Approximately 5 acres with several hundred junked autos and auto parts. Used oil stored on slab under roof.

31. Wolf Trap Properties LTD., Wolf Trap Road, Yorktown 23692. Business - receiving site for construction debris; has office in trailer. No contact. Found at the site were lumber, roofing material, concrete, siding, glass, pipe, plastic, paving materials, soil and other construction debris.
39. Dare Automotive Repair, 245 Railway Road, Yorktown 23692. Owner: Dan Carter, Charlottesville. Business - brick auto repair shop. 3 employees. Observed on site were 20 junk autos, 10 batteries, 300 gallon above ground used oil tank and two 50 gallon drums for used anti freeze on a slab. Storage tanks are without berms.
40. Precision Crafts Machine Shop, 1500 Lakeside Road, Yorktown 23692. Business- gray blue frame 1 story shop. No contact. Approximately 1 acre of miscellaneous car parts, 10 trucks and cars in differing degrees of disrepair, engines, glass and camper shells.
53. Location: 611 Yorktown Road, Poquoson 23662. Dwelling - 4 faded white frame 1 story buildings used as automotive garages and for general storage. 2 persons. Found on site were 12 cars and trucks, 2 pieces of heavy equipment, 3 recreational type vehicles, trailers, 3 boats, scrap metal, tires, exposed oil drums and miscellaneous items.
54. Location: 46 Shoreline Lane, Poquoson 23662. Dwelling - white brick and frame 2 story with black shutters. No contact. Found over 1 acre were several pieces of construction equipment, 6 old cars, 1 bus, construction debris, 2 X 55 gallon oil drums, tires and miscellaneous items.
56. Bellamy Seafood (Keith Bellamy) and Owens Marina, 259 Mingee Street, Poquoson 23662. Business - restaurant and marina. 3 employees. Approximately 1 acre of construction debris, 12 junked vehicles, telephone poles and miscellaneous items.
67. **DIRECT** - Location: Ridge Road, Poquoson 23662 (across from 162 and 168 Ridge Road and next to 171 Ridge Road). No contact. In the marsh on road past locked gate are numerous old tires and several rusting automobiles. Large concrete conduits are found at end of road.
68. **DIRECT** - Location: Ridge Road, Poquoson 23662. Owner: City of Poquoson, 830 Poquoson Avenue, Poquoson 23662. Public - city dump for metal. No contact. Found at the site were over 100 refrigerators and other large appliances. It appears that these items are at some point covered with soil.

SECTION D: BOATING ACTIVITY

MARINAS

5. Seaford Yacht Club, 584 Goodwin Neck Road, Yorktown 23609. Owner: Commodore Susan Pettijohn, P.O. box 1885 Yorktown 23692. Marine - white frame 2 story clubhouse and marina. 1 person. 60 slips available. Present on 10-30-01 were 3 pleasure boats under 26' and 37 pleasure boats over 26'. Boating services provided are electricity and water. Sanitary facilities provided are 3 commodes, 2 lavatories, and 2 showers for men; and 3 commodes, 2 lavatories, and 2 showers for women. Sewage disposal is to septic tank and drainfield which appeared to be working satisfactorily at time of survey. Boat holding tank pump-out facilities and portable toilet dump station facilities are provided at this location. Containers are present for solid waste disposal.

11. Mills Marina Incorporated, 1742 Back Creek Road, Seaford 23696. Owner: John Wyder, P.O. Box 215, Seaford 23696. Marine - commercial marina. No contact. 59 seasonal slips/moorings and 3 transient slips available. Present on 10-18-01 were 13 pleasure boats under 26' and 1 workboat and 13 pleasure boats over 26'. Boating services provided are an in-out boat ramp, fuel, water, and electricity. Sanitary facilities provided are 1 urinal for men, 1 unisex commode and 1 unisex lavatory. Sewage disposal is by septic tank and drainfield, which appeared to be working satisfactorily at time of inspection. Boat holding tank pump-out facilities were not operational on 10-18-01. There are no portable toilet dump station facilities at this location. Containers are present for solid waste disposal.
14. Seaford Scallop Company, 509 Shirley Road, Seaford 23696. Owner: William S. Wells, Jr., P.O. Box 178, Seaford 23696. Marine - scallop and fish offloading dock. 50 employees, (with boat crews). 17 slips/moorings available. Present on 8-3-00 were 5 work boats over 26'. Boating services provided are boat fuel, repairs, water and electricity. Sanitary facilities provided are 6 commodes, 2 urinals, 4 lavatories and 1 shower for men; and 1 commode and 1 lavatory for women. Sewage disposal is by septic tank and drainfield 50' from Back Creek at 6' elevation. Septic system appeared to be working satisfactorily at time of inspection. Boat holding tank pump-out facilities are available at this facility. There are no portable toilet dump station facilities provided at this location. Containers are provided for solid waste disposal.
20. Aqua Marina (Jim Strong and Associates), 512 Wildey Road, Seaford 23696. Business - commercial marina. 3 employees. 26 slips/moorings available. Present on 10-17-01 were 1 work boat and 1 pleasure boat under 26'; and 3 work boats and 7 pleasure boats greater than 26'. Boating services provided are repairs, water, and electricity. Sanitary facilities provided are 1 commode and 1 lavatory for men; and 1 commode and 1 lavatory for women. Sewage disposal is by septic tank and drainfield, which appeared to be working satisfactorily at time of inspection. Boat holding tank pump-out facilities are available at this location. There are no portable toilet dump station facilities provided at this location. Containers are provided for solid waste disposal.
22. Thomas Marina (Benjamin Thomas), 103 Harbor Drive, Yorktown 23690. Marine - complex of small residences, house trailers, and other buildings with commercial marina. 1 employee. 39 slips available. Present on 10-17-01 were 17 pleasure boats under 26' and 13 pleasure boats over 26'. Boating services provided are an in-out ramp, water and electricity. Sanitary facilities provided are 1 commode and 1 lavatory for men; and 1 commode and 1 lavatory for women. Sewage disposal is to septic tank and drainfield, which appeared to be working satisfactorily at time of inspection. There are no boat holding tank pump-out facilities and no portable toilet dump station facilities at this location. Containers are provided for solid waste disposal.
35. Dare Marina Incorporated (Hugh Dulaney), 821 Railway Road, Grafton 23692. Marine - commercial marina and boat yard. No contact. 53 slips/moorings and 185 dry storage spaces available. Present on 10-29-01 were 13 pleasure boats under 26' and 23 pleasure boats over 26' in wet slips; and in dry storage there were 213 pleasure boats under 26'. Boating services provided are fuel, repairs, water and electricity. Sanitary facilities provided are 1 commode, 1 urinal, 2 lavatories and 1 shower for men; and 2 commodes, 2 lavatories and 1 shower for women. Sewage disposal is to HRSD sewage system. Boat holding tank pump-out facilities and portable toilet dump station facilities are provided at this location. Containers are present for solid waste collection.

57. York Haven Marina (Harold Emery Moore), 100 Mingee Street, Poquoson 23662. Marine - marina with various outbuildings. 3 employees. 87 slips available. Present on 10-4-01 were 3 work boats and 14 pleasure boats under 26'; 27 work boats and 5 pleasure boats over 26' all in wet slips. In dry storage there were 1 work boat and 1 pleasure boat under 26'. Boating services provided are repairs, water and electricity. Sanitary facilities provided are 2 unisex commodes and 1 shower which is in violation of marina regulations. Sewage disposal is to septic tank and drainfield, which appeared to be working satisfactorily at time of inspection. Boat holding tank pump-out facilities and portable toilet dump station facilities are provided at this location. Containers are provided for solid waste disposal.
59. Islander Marina, 127 East River Road, Poquoson 23692. Owner: William E. Insley Jr., 101 Cedar Point Crescent, Yorktown 23362. Marine - marina with small white frame 1 story building for office and rest rooms. 1 employee. 32 slips available. Present on 10-4-01 were 18 pleasure boats under 26', and 1 workboat and 6 pleasure boats over 26'. Boating services provided are electricity and water. Sanitary facilities provided are 1 commode, 1 lavatory and 1 shower for men; and 1 commode, 1 lavatory and 1 shower for women. Sewage disposal is to HRSD. Boat holding tank pump-out facilities and portable toilet dump station facilities are provided at this location. Containers are provided for solid waste disposal.
60. Poquoson Marina (Dave Carpenter), 87 Rens Road, Poquoson 23662. Marine - commercial marina. 5 employees. 156 slips and 34 dry storage spaces available. Present on 11-01-01 were 2 work boats and 60 pleasure boats under 26', and 87 pleasure boats over 26' in wet slips; and in dry storage there were 20 pleasure boats under 26' and 9 pleasure boats over 26'. Boating services provided are an in-out ramp, repairs, water and electricity. Sanitary facilities provided are 1 commode, 1 lavatory and 1 shower for men; and 1 commode, 1 lavatory and 1 shower for women. Sewage disposal is to HRSD. There are no boat holding tank pump-out facilities and no portable toilet dump station facilities at this location. Containers are provided for solid waste disposal.
66. V & J Seafood, 235 North Lawson Road, Poquoson 23662. Owner: J. W. Firth, 102 Clydesdale Drive, Yorktown 23693. Marine - crab offloading dock with corrugated sheet metal building. No contact. 11 slips/moorings available. Present on 10-30-01 were 3 work boats under 26' and 1 workboat over 26'. Boating services provided are water and electricity. Sanitary facilities provided are 1 privy for men and 1 privy for women. Has an exemption to the requirement to provide boat holding tank pump-out facilities. There are portable toilet dump station facilities provided at this location. Containers are provided for solid waste disposal.

OTHER PLACES WHERE BOATS ARE MOORED

1. Goodwin Island Yacht Club (Robert G. McIntosh), 209 Belvin Lane, Yorktown 23690. Marine - private commercial dock. 12 persons. 10 slips and 4 dry storage spaces. Present on 10-17-01 were 2 pleasure boats and 2 work boats under 26', and 4 pleasure boats over 26' in wet slips. The only boating service provided is repairs. Sanitary facilities include 1 unisex commode and 1 unisex lavatory. Sewage disposal is to septic tank and drainfield which appeared to be in satisfactory condition at time of survey. There are no boat holding tank pump-out facilities and no portable toilet dump station facilities available at this location. Containers are present for solid waste disposal.

2. Location: 1310 Dandy Loop Road, Yorktown 23692. Marine - private pier and in-out ramp. No contact. 7 slips and 2 dry storage spaces available. There were no boats present on 8-23-01. Sanitary facilities consist of 1 privy, which was in satisfactory condition at time of survey. The only boating service provided is an in-out ramp. Has an exemption to the requirements to provide boat holding tank pump-out facilities. There are no portable toilet dump station facilities at this location. Containers are present for solid waste disposal.
4. Location: 1008 Dandy Loop, Yorktown 23692. Marine - private pier at residence. 2 persons. 8 slips. No boats were present on 10-29-01. There are no boating services provided at this location. There are no sanitary facilities, no boat holding tank pump-out facilities, and no portable toilet dump station facilities at this location. No containers are present for solid waste disposal.
12. Calvin Hudgins Welding, end of Shirley Road, Seaford 23695. Business - welding repair services. No contact. 2 moorings. Present on 10-18-01 were 2 workboats greater than 26'. The only boating service provided is repairs. Sanitary facilities provided include 1 commode and 1 lavatory for men; and 1 commode and 1 lavatory for women. Sewage disposal is to septic tank and drainfield, which appeared to be in satisfactory condition at time of survey. This facility has an exemption to the requirements to provide boat holding tank pump-out facilities and portable toilet dump station facilities. Containers are present for solid waste disposal.
25. Location: 424 Crockett Road, Seaford 23696. Marine - private marina. No contact. 12 slips available. No boats were present on 10-18-01. Boating services provided are an in-out boat ramp, water and electricity. Sanitary facilities provided are 1 privy for men and 1 privy for women. Has an exemption to the requirement of providing boat holding tank pump-out facilities. Portable toilet dump station facilities are provided at this location. Containers are present for solid waste disposal.
26. Robanna Shores Community Association, end of Thomas Road, Seaford 23696. Marine - private community pier and ramp. No contact. 12 slips/moorings available. Present on 10-17-01 were 3 pleasure boats under 26'. Boating services provided are an in-out boat ramp, water, and electricity. There are no sanitary facilities, no boat holding tank pump-out facilities and no portable toilet dump station facilities at this location. No containers are present for solid waste disposal.
34. Smith's Marine Railway Incorporated (K.T. Smith), 811 Railway Road, Grafton 23692. Marine - marine railway and white frame 2½ story building. 2 persons. 5 slips/moorings and 3 dry storage spaces available. Present on 10-29-01 were 1 pleasure boat under 26' and 1 pleasure boat over 26'. Boating services provided include in-out ramp, electricity and water. Sanitary facilities provided are 1 commode, 1 urinal, 1 lavatory and 1 shower for men. Sewage disposal is to HRSD public sewage system. There are no boat holding tank pump-out facilities and no portable toilet dump station facilities provided at this location. Containers are present for solid waste disposal.

56. Owens Marina, 259 Mingee Street, Poquoson 23662. Owner: Shirley Bellamy, 110 Madeira Street, Tabb 23602. Marine - restaurant and private marina. 3 persons. 4 slips available. Present on 10-4-01 were 1 pleasure boat under 26' and 1 pleasure boat over 26'. Boating services provided are fuel, in-out ramp and electricity. Sanitary facilities provided are 1 commode, 1 urinal and 1 lavatory for men; and 1 commode and 1 lavatory for women. Sewage disposal is by septic tank and drainfield, which appeared to be in satisfactory condition at time of survey. Has an exemption to the requirement to provide boat holding tank pump-out facilities. There are no portable toilet dump station facilities provided at this location. Containers are provided for solid waste disposal.
58. E. T. Firth Wholesale Seafood, 114A Brown's Neck Road, Poquoson 23662. Business - offloading pier for shellfish plant. 3 employees. 3 slips available. Present on 8-9-00 were 2 work boats over 26'. There are no boating services provided at this location. Sanitary facilities provided are 1 male privy and 1 female privy. Has an exemption to the requirement to provide boat holding tank pump-out facilities. There are no portable toilet dump station facilities provided at this location. Containers are provided for solid waste disposal.
61. White House Cove Pier (Rens Road Public Dock), 92 Rens Road, Poquoson 23662. Owner: City of Poquoson, 830 Poquoson Avenue, Poquoson 23662. Marine - public ramp and pier. No contact. 4 slips available. There were no boats present on 8-23-01. The only boating service provided is an in-out ramp. There are no sanitary facilities and no portable toilet dump station facilities provided at this location. Boat holding tank pump-out facilities are provided at this location. Containers are provided for solid waste disposal.
62. Sea Explorer Base (Thomas Dade), 103 White House Road, Poquoson 23662. Marine - private pier. No contact. 5 slips and 1 dry storage space available. Present on 10-4-01 were 1 pleasure boat under 26' and 2 pleasure boats over 26' in wet slips. Boating services provided are electricity and water. Has exemptions to the requirements to provide sanitary facilities, boat holding tank pump-out facilities and portable toilet dump station facilities. Containers are present for solid waste disposal.
65. Location: End of Forrest Road, Poquoson 23662. Owner: William H. Hunt, P.O. Box 2124 Poquoson 23662. Marine - 1 story white construction block building. Former shellstock shipper operation now vacant (Hunt's Seafood). No contact. 5 slips available. No boats were present on 10-4-01. Boating services provided are in-out boat ramp, water and electricity. The only sanitary facility provided is a privy. There are no boat holding tank pump-out facilities at this location. A portable toilet dump station is provided. Containers are present for solid waste disposal.

UNDER SURVEILLANCE

6. Back Creek Park, Goodwin Neck Road, Yorktown 23690. Owner: York County Department of Leisure Services, P.O. Box 532, Yorktown 23690. Marine - public in-out boat ramp. No contact. 3 slips available. Present on 8-23-01 were 2 pleasure boats under 26'. The only boating service provided is an in-out ramp. Sanitary facilities provided are 2 commodes, 1 urinal, and 1 lavatory for men; and 2 commodes, and 1 lavatory for women. Sewage disposal is by septic tank and drainfield which appeared to be working satisfactorily at time of survey. There are no boat holding tank pump-out facilities and no portable toilet dump station facilities at this location. Containers are present for solid waste disposal.

33. Location: 312 Robs Road, Yorktown 23692. Marine - private dwelling with 4 boat slips. No contact. 4 slips and 1 dry storage space available. There were no boats present on 8-23-01. There are no boating services, no sanitary facilities, no boat holding tank pump-out facilities and no portable toilet dump station facilities provided at this location. No containers are present for solid waste disposal.
37. Occupant: Chesapeake Watch at Ship Point Community Pier, 808 Ship Point Road, Grafton 23692. Owner: Dr. George D. Cole, Jr., 306 Ship Point Road, Grafton 23662. Marine - community pier for residents of Chesapeake Watch at Ship Point subdivision. No contact. 7 slips available. No boats were present at time of survey. There are no boating services, no sanitary facilities, no boat holding tank pump-out facilities and no portable toilet dump station facilities provided at this location. No containers are present for solid waste disposal.
47. Rogers A. Smith Public Landing, 705 Tidemill Road, Yorktown 23693. Owner: York County Board of Supervisors, P.O. Box 532, Yorktown 23692. Public - public ramp and pier. No contact. 3 moorings. There were no boats present on 10-29-01. The only boating service provided is 3 in-out boat ramps. There are no sanitary facilities, no boat holding tank pump-out facilities and no portable toilet dump station facilities at this location. Containers are provided for solid waste disposal.
50. River Haven Yacht Club, 202 Sylvia Drive, Yorktown 23693. Private community boat facility. 1 employee. 2 mooring available. There were no boats present on 10-29-01. There are no boating services, no sanitary facilities, no boat holding tank pump-out facilities and no portable toilet dump station facilities provided at this location. No containers are provided for solid waste disposal.
64. M. W. Insley, 147 Bennett Road, Poquoson 23662. Marine - private pier. 2 persons. 4 moorings available. Present on 10-4-01 were 4 work boats under 26'. There are no boating services provided at this location. There are no sanitary facilities, no boat holding tank pump-out facilities and no portable toilet dump station facilities provided at this location. Containers are present for solid waste disposal.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

15. Location: 236 Hanson Lane, Seaford 23692. Dwelling - modern "A" frame with deck. No contact. Present at time of survey were 3 pastured horses, 11 pastured sheep, 7 kenneled dogs and an unknown number of caged chickens 100 feet from a tributary of Back Creek without direct access to tidal waters. No method of manure disposal was observed.
32. **DIRECT** - Location: 303 Jethro Lane, Grafton 23692. Dwelling- brick rancher 1 story with black roof and beige trim. No contact. Present at time of survey were 6 caged chickens and 1 blind pony wandering the property with direct access to Chisman Creek. Manure disposal is unknown.
34. **DIRECT** - K. T. Smith (Smith Marine Railway), 811 Railway Road, Grafton 23692. Dwelling - white frame 2 story with green tin roof. 3 persons. Present at time of survey were 11 cattle with direct access to Chisman Creek. Manure is stored 60' from creek and is spread on the garden.

36. Location: 700 Railway Road, Grafton 23692. Dwelling - white aluminum siding 1½ story. No contact. Present at time of survey were 18-20 pastured cattle 50 feet from tributary to Chisman Creek without direct access to tidal waters. Manure appears to be spread on pasture.
38. ***DIRECT*** - Location: 1221 Dare road, Yorktown 23692. Dwelling - white vinyl siding 2 story with green trim. No contact. Present at time of survey was 1 corralled goat with direct access to the Poquoson River. Manure is left in the corral.
44. Location: 516 Yorktown Road, Yorktown 23692. Dwelling - white aluminum siding 2 story. No contact. Present at time of survey were 6 pastured horses, 15 chickens in a coop and 2 pastured goats without direct access to tidal waters. Manure appears to be spread on pasture.
46. River Bend Stables, 311 Taylor Farm Lane, Newport News 23602. Dwelling - brick 2 story with front porch. 3 persons. Present at time of survey were 10 pastured horses 1000 yards from the Poquoson River without direct access to tidal waters. Manure is spread onto pastures and hauled away as fertilizer.
49. M & M Ranch, 4114 Big Bethel Road, Tabb 23693. Business - boarding stable and corrals. 8 persons. Present at time of survey were 7 pastured horses and 3 kenneled dogs 100' from tributary of Moore's Creek without direct access to tidal waters. Manure is spread to pastures or given away as fertilizer.
54. Location: 46 Shoreline Drive, Poquoson 23662. Dwelling - white brick and frame 2 story with back shutters. 2 persons. Present at time of survey were 3 pastured horses, approximately 80 caged fowl, and 5 free roaming fowl 250' from Lambs Creek; the pastured and caged animals have no direct access to tidal waters. Manure and guano are spread on pastures or left in cages.

SUMMARY

Area # 053
Poquoson River and Back Creek
22 May 2002

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT FACILITIES

- 1 – DIRECT – # 10
- 0 – INDIRECT – None
- 1 – B.1. TOTAL

2. ON-SITE SEWAGE DEFICIENCIES – Correction of deficiencies in this section is the responsibility of the local health department.

- 2 – CONTRIBUTES POLLUTION, DIRECT – # 21, 23
- 7 – CONTRIBUTES POLLUTION, INDIRECT – # 16, 17, 18, 19, 24, 29, 55
- 0 – CP (Kitchen or Laundry Wastes), DIRECT – None
- 1 – CP (Kitchen or Laundry Wastes), INDIRECT – # 9
- 0 – NO FACILITIES, DIRECT – None
- 0 – NO FACILITIES, INDIRECT – None
- 10 – B.2. TOTAL

3. POTENTIAL POLLUTION – Periodic surveillance of these properties will be maintained to determine any status change.

- 9 – POTENTIAL POLLUTION – # 3, 9, 41, 42, 43, 48, 51, 52, 63

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

- 4 – DIRECT – # 13, 14, 34, 58
- 5 – INDIRECT – # 7, 28, 30, 40, 45
- 9 – C.1. TOTAL

2. SOLID WASTE DUMPSITES

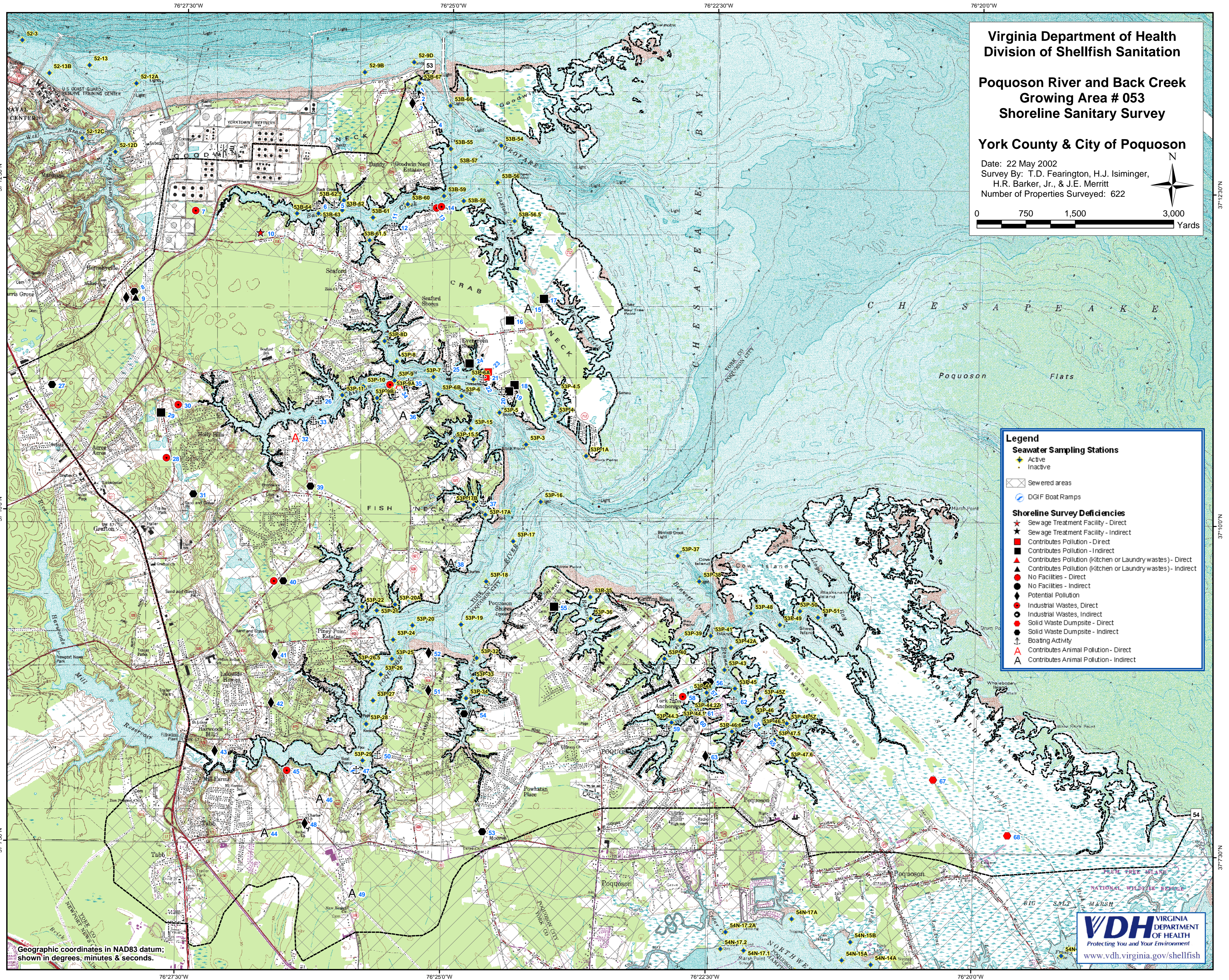
- 2 – DIRECT – # 67, 68
- 8 – INDIRECT – # 8, 27, 31, 39, 40, 53, 54, 56
- 10 – C.2. TOTAL

SECTION D: BOATING ACTIVITY

- 10 – MARINAS – # 5, 11, 14, 20, 22, 35, 57, 59, 60, 66
- 12 – OTHER PLACES WHERE BOATS ARE MOORED – # 1, 2, 4, 12, 25, 26, 34, 56, 58, 61, 62, 65
- 6 – UNDER SURVEILLANCE – # 6, 33, 37, 47, 50, 64
- 10 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

- 3 – DIRECT – # 32, 34, 38
- 6 – INDIRECT – # 15, 36, 44, 46, 49, 54
- 9 – E. TOTAL



**Virginia Department of Health
Division of Shellfish Sanitation**

**Poquoson River and Back Creek
Growing Area # 053
Shoreline Sanitary Survey**

York County & City of Poquoson

Date: 22 May 2002
Survey By: T.D. Fearington, H.J. Isiminger,
H.R. Barker, Jr., & J.E. Merritt
Number of Properties Surveyed: 622

0 750 1,500 3,000
Yards

Legend

Seawater Sampling Stations

- Active
- Inactive

Shoreline Survey Deficiencies

- Sewage Treatment Facility - Direct
- Sewage Treatment Facility - Indirect
- Contributes Pollution - Direct
- Contributes Pollution - Indirect
- Contributes Pollution (Kitchen or Laundry wastes) - Direct
- Contributes Pollution (Kitchen or Laundry wastes) - Indirect
- No Facilities - Direct
- No Facilities - Indirect
- Potential Pollution
- Industrial Wastes, Direct
- Industrial Wastes, Indirect
- Solid Waste Dumpsite - Direct
- Solid Waste Dumpsite - Indirect
- Boating Activity
- Contributes Animal Pollution - Direct
- Contributes Animal Pollution - Indirect

Geographic coordinates in NAD83 datum;
shown in degrees, minutes & seconds.